RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/728,420 A_

Source: _1 Fuo_

Date Processed by STIC: _8/13/04_

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PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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   U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

IFWO

RAW SEQUENCE LISTING   DATE: 08/13/2004
PATENT APPLICATION: **US/10/728,420A**   TIME: 16:13:54

Input Set : **D:\Sequence Listing-rev.txt**
Output Set: **N:\CRF4\08132004\J728420A.raw**

```
 4 <110> APPLICANT: WOULFE, SUSAN L.
 5        JAIN, RITA
 6        BURR, AIMEE
 8 <120> TITLE OF INVENTION: ENGINEERED FAB' FRAGMENT ANTI-TUMOR
 9        NECROSIS FACTOR ALPHA IN COMBINATION WITH DISEASE MODIFYING
10        ANTI-RHEUMATIC DRUGS
12 <130> FILE REFERENCE: 122294-1010
14 <140> CURRENT APPLICATION NUMBER: US/10/728,420A
16 <141> CURRENT FILING DATE: 2003-12-05
18 <150> PRIOR APPLICATION NUMBER: US 60/431,053
20 <151> PRIOR FILING DATE: 2002-12-05
E--> 22 <160> NUMBER OF SEQ ID NOS: (40) //7 (P.2)
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

E--> 389 <210> SEQ ID NO: 46   (see p.3)

<210> 117 *last sequence in submitted file*
<211> 1477
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic CDP870 nucleic acid sequence (anti-sense strand)

<400> 117
```
tcatcacgcg gcgcatgtgt gagttttgtc acaagatttg ggctcaactt tcttgtggac 60
cttggtgttg ctgggcttgt gattcacgtt gcagatgtag gtctgggtgc ccaagctgct 120
ggagggcacg gtcaccacgc tgctgaggga gtagagtcct gaggactgta ggacagccgg 180
gaaggtgtgc acgccgctgg tcagggcgcc tgagttccac gacaccgtca ccggttcggg 240
gaagtagtcc ttgaccaggc agcccagggc cgctgtgccc ccagaggtgc tcttggagga 300
gggtgccagg gggaagaccg atgggccctt ggtggaagct gaggagactg tgactagggt 360
accctggccc cagtagtcca tggcataaga tctgtatcct ctagcacaat agtacactgc 420
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agagaacgtg aatctcgcct tgacgctgtc agcataaata ggctctccaa tgtaagtatt 540
aatccaaccc atccattcga ggccctttcc cggggcctgt ctaacccaat tcattccata 600
gtctgtgaag acgtaaccag atgcagcaca ggacaatctc agtgatccgc caggctgcac 660
gagaccgcct cctgactcga ccagctgaac ctcagcttgc gccacggtgg cgaaaccagc 720
tagcgccact gcaattgcta tagcagtttt cttcattttt ttttcctcct caacactctc 780
ctctattaaa gcttttgtt actggtgagc tcaggccctg atgggtgact tcgcaggcgt 840
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tgctgtcctt gctgtcctgc tctgtgacac tcctgggga gttacccgat tggagggcgt 960
tatccacctt ccactgtact ttggcctctc tgggatagaa gttattcagc aggcacacaa 1020
cagaggcagt tccagatttc aactgctcat cagatggcgg gaagatgaag acagatgggg 1080
ccgctaccgt acgtttgatt tctactttag taccctgacc gaatgtgagt gggtagatgt 1140
tatactgttg acagtaataa gtggcgaaat cttctggctg gaggctacta gtcgtgaggg 1200
tgaaatcagt accactaccg gatccgctga acctgtatgg tacaccacta tagaggaaag 1260
aggcactgta gatgagggct tttggggctt tacctggttt ttgctgatac caggctacgt 1320
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tcaggctgga tgggctctgg gtcatttgaa tgtcagcttg cgctacggta gcgaaaccag 1440
ccaaggccac tgcaattgcg atagctgtct ttttcat 1477
```

replace with

<4007   <210> 46
         <210> 46
         000

10/728,420A 3

L:162 M:283 W: Missing Blank Line separator, <400> field identifier
L:163 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (9) SEQUENCE:
L:167 M:283 W: Missing Blank Line separator, <400> field identifier
L:168 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:184 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:219 M:283 W: Missing Blank Line separator, <400> field identifier
L:220 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (12) SEQUENCE:
L:224 M:283 W: Missing Blank Line separator, <400> field identifier
L:225 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (13) SEQUENCE:
L:229 M:283 W: Missing Blank Line separator, <400> field identifier
L:230 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14) SEQUENCE:
L:234 M:283 W: Missing Blank Line separator, <400> field identifier
L:235 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (15) SEQUENCE:
L:239 M:283 W: Missing Blank Line separator, <400> field identifier
L:240 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (16) SEQUENCE:
L:244 M:283 W: Missing Blank Line separator, <400> field identifier
L:245 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (17) SEQUENCE:
L:249 M:283 W: Missing Blank Line separator, <400> field identifier
L:250 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (18) SEQUENCE:
L:254 M:283 W: Missing Blank Line separator, <400> field identifier
L:255 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (19) SEQUENCE:
L:259 M:283 W: Missing Blank Line separator, <400> field identifier
L:260 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (20) SEQUENCE:
L:264 M:283 W: Missing Blank Line separator, <400> field identifier
L:265 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (21) SEQUENCE:
L:269 M:283 W: Missing Blank Line separator, <400> field identifier
L:270 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (22) SEQUENCE:
L:274 M:283 W: Missing Blank Line separator, <400> field identifier
L:275 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (23) SEQUENCE:
L:279 M:283 W: Missing Blank Line separator, <400> field identifier
L:280 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (24) SEQUENCE:
L:284 M:283 W: Missing Blank Line separator, <400> field identifier
L:285 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (25) SEQUENCE:
L:289 M:283 W: Missing Blank Line separator, <400> field identifier
L:290 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (26) SEQUENCE:
L:294 M:283 W: Missing Blank Line separator, <400> field identifier
L:295 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (27) SEQUENCE:
L:299 M:283 W: Missing Blank Line separator, <400> field identifier
L:300 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (28) SEQUENCE:
L:304 M:283 W: Missing Blank Line separator, <400> field identifier
L:305 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (29) SEQUENCE:
L:309 M:283 W: Missing Blank Line separator, <400> field identifier
L:310 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (30) SEQUENCE:
L:314 M:283 W: Missing Blank Line separator, <400> field identifier
L:315 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (31) SEQUENCE:
L:319 M:283 W: Missing Blank Line separator, <400> field identifier
L:320 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (32) SEQUENCE:
L:324 M:283 W: Missing Blank Line separator, <400> field identifier

```
L:325 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (33) SEQUENCE:
L:329 M:283 W: Missing Blank Line separator, <400> field identifier
L:330 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (34) SEQUENCE:
L:334 M:283 W: Missing Blank Line separator, <400> field identifier
L:335 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (35) SEQUENCE:
L:339 M:283 W: Missing Blank Line separator, <400> field identifier
L:340 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (36) SEQUENCE:
L:344 M:283 W: Missing Blank Line separator, <400> field identifier
L:345 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (37) SEQUENCE:
L:349 M:283 W: Missing Blank Line separator, <400> field identifier
L:350 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (38) SEQUENCE:
L:354 M:283 W: Missing Blank Line separator, <400> field identifier
L:355 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (39) SEQUENCE:
L:359 M:283 W: Missing Blank Line separator, <400> field identifier
L:360 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (40) SEQUENCE:
L:364 M:283 W: Missing Blank Line separator, <400> field identifier
L:365 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (41) SEQUENCE:
L:369 M:283 W: Missing Blank Line separator, <400> field identifier
L:370 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (42) SEQUENCE:
L:374 M:283 W: Missing Blank Line separator, <400> field identifier
L:375 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (43) SEQUENCE:
L:379 M:283 W: Missing Blank Line separator, <400> field identifier
L:380 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (44) SEQUENCE:
L:384 M:283 W: Missing Blank Line separator, <400> field identifier
L:385 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (45) SEQUENCE:
L:389 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO:46
L:389 M:283 W: Missing Blank Line separator, <210> field identifier
L:390 M:259 W: Allowed number of lines exceeded, <210> SEQ ID NO
L:394 M:283 W: Missing Blank Line separator, <400> field identifier
L:395 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (47) SEQUENCE:
L:399 M:283 W: Missing Blank Line separator, <400> field identifier
L:400 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (48) SEQUENCE:
L:404 M:283 W: Missing Blank Line separator, <400> field identifier
L:405 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (49) SEQUENCE:
L:409 M:283 W: Missing Blank Line separator, <400> field identifier
L:410 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (50) SEQUENCE:
L:414 M:283 W: Missing Blank Line separator, <400> field identifier
L:415 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (51) SEQUENCE:
L:419 M:283 W: Missing Blank Line separator, <400> field identifier
L:420 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (52) SEQUENCE:
L:424 M:283 W: Missing Blank Line separator, <400> field identifier
L:425 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (53) SEQUENCE:
L:429 M:283 W: Missing Blank Line separator, <400> field identifier
L:430 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (54) SEQUENCE:
L:434 M:283 W: Missing Blank Line separator, <400> field identifier
L:435 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (55) SEQUENCE:
L:439 M:283 W: Missing Blank Line separator, <400> field identifier
L:440 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (56) SEQUENCE:
L:444 M:283 W: Missing Blank Line separator, <400> field identifier
```

VERIFICATION SUMMARY
DATE: 08/13/2004
PATENT APPLICATION: **US/10/728,420A**
TIME: 16:13:55

Input Set : **D:\Sequence Listing-rev.txt**
Output Set: **N:\CRF4\08132004\J728420A.raw**

```
L:445 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (57) SEQUENCE:
L:449 M:283 W: Missing Blank Line separator, <400> field identifier
L:450 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (58) SEQUENCE:
L:454 M:283 W: Missing Blank Line separator, <400> field identifier
L:455 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (59) SEQUENCE:
L:460 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (60) SEQUENCE:
L:890 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:894 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:101
L:913 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:102
L:937 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:103
L:961 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:104
L:985 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:105
L:22 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (40) Counted (116)
```